

ASHTON et al.  
Appl. No. 10/556,901  
Atty. Ref.: 620-401  
Amendment  
October 1, 2008

**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

1. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 34.

2. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 37.

3. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 38.

4. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 39.

Claim 5. (Canceled)

6. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 39.

7. (Withdrawn) A method of treating a condition which can be alleviated by

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inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 44.

8. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 45.

9. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 46.

Claim 10. (Canceled)

11. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 47.

12. (Withdrawn) A method of treating a condition which can be alleviated by inhibition of glyoxalase I, which method comprises administering to a patient in need of treatment an effective amount of a compound of claim 48.

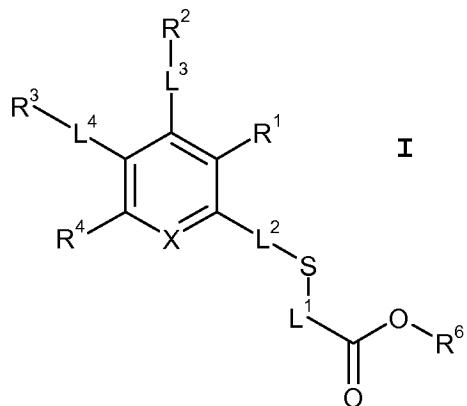
Claims 13-30. (Canceled)

31. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 34 or a pharmaceutically acceptable salt thereof together with a pharmaceutically acceptable carrier or diluent.

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Claims 32-33. (Cancelled)

34. (Currently Amended) A compound of formula I:



or a salt[[,]] or solvate or chemically protected form thereof wherein

$X$  is CH;

$R^1$ ,  $R^2$  and  $R^4$  are H;

$R^3$  is optionally substituted C<sub>5-6</sub> aryl, C<sub>3-7</sub> cycloalkyl, or C<sub>5-7</sub> heterocyclyl

$R^6$  is selected from H or optionally substituted C<sub>1-7</sub> alkyl, C<sub>5-6</sub> aryl and C<sub>1-4</sub> alkylene-C<sub>5-6</sub> aryl;

$L^1$  is optionally substituted C<sub>5-6</sub> arylene, C<sub>1-4</sub> alkylene-C<sub>5-6</sub> arylene or  $-L^5N(R^5)L^6-$ , or C<sub>1-4</sub> alkylene substituted by either C<sub>1-7</sub> alkyl or C<sub>5-7</sub> aryl, wherein  $L^5$  and  $L^6$  are independently selected from optionally substituted C<sub>1-4</sub> alkylene and C<sub>5-6</sub> arylene, and  $R^5$  is H or C<sub>1-4</sub> alkyl;

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L<sup>2</sup> is a single bond; and

L<sup>3</sup> is a single bond; and

L<sup>4</sup> is independently selected from –L<sup>9</sup>YN(OH)C(=O)L<sup>10</sup>- and –L<sup>9</sup>C(=O)N(OH)YL<sup>10</sup>-, wherein L<sup>9</sup> and L<sup>10</sup> are independently selected from optionally substituted C<sub>1-4</sub> alkylene, C<sub>5-6</sub> arylene, C<sub>1-4</sub> alkylene-C<sub>5-6</sub> arylene and a single bond, wherein Y is NH or a single bond.

Claims 35-36. (Canceled)

37. (Previously Presented) A compound according to claim 34 wherein L<sup>4</sup> is a L<sup>9</sup>–C(=O)N(OH)- group.

38. (Original) A compound according to claim 37 wherein L<sup>9</sup> is selected from C<sub>1-4</sub> alkylene and C<sub>5-6</sub> arylene.

39. (Original) A compound according to claim 37 wherein L<sup>9</sup> is methylene or phenylene.

Claim 40-43. (Canceled)

44. (Previously Presented) A compound according to claim 34 wherein R<sup>3</sup> is optionally substituted C<sub>5-6</sub> aryl.

45. (Original) A compound according to claim 44 wherein R<sup>3</sup> is phenyl.

46. (Previously Presented) A compound according to claim 34 wherein R<sup>6</sup> is H or

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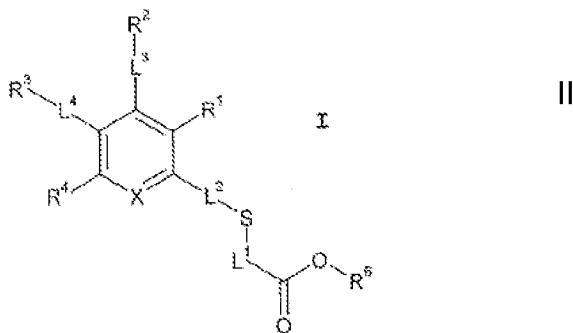
C<sub>1-7</sub> alkyl.

47. (Original) A compound according to claim 46 wherein R<sup>6</sup> is H or C<sub>1-3</sub> alkyl.

48. (Previously Presented) A compound according to claim 34 wherein L<sup>1</sup> is phenylene, -CH(Ph)-, -CH<sub>2</sub>-phenylene- or -CH<sub>2</sub>C(=O)NH-phenylene-.

Claims 49-50. (Canceled)

51. (new) A compound of formula II:



or a salt or solvate or thereof wherein

X is CH;

R<sup>1</sup>, R<sup>2</sup> and R<sup>4</sup> are H;

R<sup>3</sup> is optionally substituted C<sub>5-6</sub> aryl;

L<sup>1</sup> is optionally substituted C<sub>5-6</sub> arylene, C<sub>1-4</sub> alkylene-C<sub>5-6</sub> arylene or -L<sup>5</sup>N(R<sup>5</sup>)L<sup>6</sup>-, or C<sub>1-4</sub> alkylene substituted by either C<sub>1-7</sub> alkyl or C<sub>5-7</sub> aryl, wherein L<sup>5</sup> and L<sup>6</sup> are independently selected from optionally substituted C<sub>1-4</sub> alkylene and C<sub>5-6</sub> arylene, and R<sup>5</sup> is H or C<sub>1-4</sub> alkyl;

L<sup>2</sup> is a single bond; and

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$L^3$  is a single bond; and

$L^4$  is  $-L^9-N(OH)C(=O)-$ , wherein  $L^9$  is independently selected from optionally substituted  $C_{1-4}$  alkylene,  $C_{5-6}$  arylene,  $C_{1-4}$  alkylene- $C_{5-6}$  arylene and a single bond.

52. (new) A compound according to claim 51 wherein  $R^3$  is optionally substituted phenyl.

53. (new) A compound according to claim 52 wherein  $L^1$  is phenylene,  $-CH(Ph)-$ ,  $-CH_2$ -phenylene- or  $-CH_2C(=O)NH$ -phenylene-.

54. (new) A compound according to claim 52 wherein  $L^4$  is  $-L^9-N(OH)C(=O)-$  and  $L^9$  is optionally substituted  $C_{1-4}$  alkylene.